

WHAT IS CLAIMED IS:

1. A management system for parsing and receiving XML based schedules being established between a computer system of a product manufacturer and that of at least one original equipment manufacturer through the Internet so that  
5 the product manufacturer is capable of regularly receiving the XML based schedules from each original equipment manufacturer through the Internet, the system further comprising:

reading the received XML based schedules prior to converting into EDI based schedules; and

10 integrating the EDI based schedules with EDI based schedules stored in a database of the system.

2. The system of claim 1, wherein the system further comprises an XML parser interface for parsing XML based documents, analyzing a correctness of each element of the received XML based schedule based on an XML syntax and a  
15 nested structure rule, and parsing data from the XML based schedule.

3. The system of claim 2, wherein the system further comprises and an EDI conversion interface for converting data into an EDI based document, and converting the parsed data in the XML based schedule into the EDI based document.

20 4. The system of claim 3, wherein in response to the regular receiving of the XML based schedule in the product manufacturer from each original equipment manufacturer a central processing unit in a computer of the computer system of the product manufacturer is commanded by the management system to perform the steps of:

25 reading XML based forecast schedules sent from the computer of each original equipment manufacturer;

parsing the XML based forecast schedules based on an XML syntax and a

related nested structure rule contained in the XML parser interface;

analyzing the XML based forecast schedule for determining whether it complies with the XML syntax and the nested structure rule;

5 searching a pair of markups of an element in the XML based forecast schedule and reading text and data enclosed by the pair of markups if a result of the analysis step is positive;

converting the read text and data into the EDI based document based on the rule contained in the EDI conversion interface; and

10 storing the EDI based document in the database for integrating with the stored EDI based documents therein.

5. The system of claim 4, further comprising displaying an error message and creating a packet for requesting the computer of the original equipment manufacturer to send the XML based forecast schedules again if the result of the analysis step is negative.